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INTERNATIONAL SEARCH REPORT

International application No.
PCT/US01/00184

A. CLASSIFICATION OF SUBJECT MATTER IPC(7) : A 22 C 35/00, 25/00, A01L 1/325 US CL : 426/92.138, 140, 274, 282, 643, 513 According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) U.S. : 426/92.138, 140, 274, 282, 297, 643, 513		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 4,670,276 A (NAKAJIMA) 02 JUNE 1987 (02.06.87), see entire document.	1-23
Y	US 4,530,847 A (NATORI) 23 JULY 1985 (23.07.85), see entire document.	1-23
Y	US 4,824,687 A (YASUNO) 25 APRIL 1989 (25.04.89), see entire document.	1-23
Y	US 4,832,970 A (MALLY ET AL) 23 MAY 1989 (23.05.89), see entire document.	1-23
Y	US 1,596,652 A (GIOVANNETTI) 17 AUGUST 1926 (17.08.26), see entire document.	15-19
Y	US 4,574,088 A (BOWDEN) 04 MARCH 1986 (04.03.86), see entire document.	15-19
<input checked="" type="checkbox"/> Further documents are listed in the continuation of Box C. <input type="checkbox"/> See patent family annex.		
* Special categories of cited documents: "T" document defining the general state of the art which is not considered to be of particular relevance "X" earlier document published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed		
Date of the actual completion of the international search 18 DECEMBER 2001		Date of mailing of the international search report 08 FEB 2002
Name and mailing address of the ISA/US Commissioner of Patents and Trademarks Box PCT Washington, D.C. 20231 Facsimile No. (703) 505-3230		Authorized officer STEVEN L. WEINSTEIN Telephone No. (703) 308-0050

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INTERNATIONAL SEARCH REPORT

International application No.
PCT/US01/30164

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 5,622,742 A (CAROLLO) 22 APRIL 1997 (22.04.97), see entire document.	15-19
Y	US 3,656,968 A (ALLEN) 18 APRIL 1972 (18.04.72), see entire document.	15-19
A	US 5,736,180 A (PEIFFER ET AL) 07 APRIL 1998 (07.04.98), see entire document.	1-23
A	US 4,382,768 A (LIFSHITZ ET AL) 10 MAY 1983 (10.05.83), see entire document.	1-23
A	US 3,026,822 A (GATTI) 27 MARCH 1962 (27.03.62), see entire document.	1-23